

SEQUENCE LISTING

<110> Kimura, Naoki
Toyoshima, Tomoko

<120> NOVEL SECRETORY MEMBRANE PROTEIN

<130> 06501-040002

<140> US 09/855,266
<141> 2001-05-14

<150> US 09/411,722
<151> 1999-10-01

<150> PCT/JP98/01511
<151> 1998-04-01

<150> JP 9/099653
<151> 1997-04-01

<160> 13

<170> FastSEQ for Windows Version 4.0

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<211> 176
<212> PRT
<213> Mus musculus

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Ser Tyr Ser Phe Asn Cys Pro Asp Gly Glu Tyr Gln Ser Asn Asp Val
35 40 45
Cys Cys Lys Thr Cys Pro Ser Gly Thr Phe Val Lys Ala Pro Cys Lys
50 55 60
Ile Pro His Thr Gln Gly Gln Cys Glu Lys Cys His Pro Gly Thr Phe
65 70 75 80
Thr Gly Lys Asp Asn Gly Leu His Asp Cys Glu Leu Cys Ser Thr Cys
85 90 95
Asp Lys Asp Gln Asn Met Val Ala Asp Cys Ser Ala Thr Ser Asp Arg
100 105 110
Lys Cys Glu Cys Gln Ile Gly Leu Tyr Tyr Tyr Asp Pro Lys Phe Pro
115 120 125
Glu Ser Cys Arg Pro Cys Thr Lys Cys Pro Gln Gly Ile Pro Val Leu
130 135 140
Gln Glu Cys Asn Ser Thr Ala Asn Thr Val Cys Ser Ser Ser Val Ser
145 150 155 160
Asn Pro Arg Asn Trp Leu Phe Leu Leu Met Leu Ile Val Phe Cys Ile
165 170 175

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<211> 148

<212> PRT

<213> Mus musculus

<400> 2

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Ser	Asn	Asp	Val	Cys	Cys	Lys	Thr	Cys	Pro	Ser	Gly	Thr	Phe	Val	Lys		
														20	25	30	
Ala	Pro	Cys	Lys	Ile	Pro	His	Thr	Gln	Gly	Gln	Cys	Glu	Lys	Cys	His		
														35	40	45	
Pro	Gly	Thr	Phe	Thr	Gly	Lys	Asp	Asn	Gly	Leu	His	Asp	Cys	Glu	Leu		
														50	55	60	
Cys	Ser	Thr	Cys	Asp	Lys	Asp	Gln	Asn	Met	Val	Ala	Asp	Cys	Ser	Ala		
														65	70	75	80
Thr	Ser	Asp	Arg	Lys	Cys	Glu	Cys	Gln	Ile	Gly	Leu	Tyr	Tyr	Tyr	Asp		
														85	90	95	
Pro	Lys	Phe	Pro	Glu	Ser	Cys	Arg	Pro	Cys	Thr	Lys	Cys	Pro	Gln	Gly		
														100	105	110	
Ile	Pro	Val	Leu	Gln	Glu	Cys	Asn	Ser	Thr	Ala	Asn	Thr	Val	Cys	Ser		
														115	120	125	
Ser	Ser	Val	Ser	Asn	Pro	Arg	Asn	Trp	Leu	Phe	Leu	Leu	Met	Leu	Ile		
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Val	Phe	Cys	Ile														
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<211> 1509

<212> DNA

<213> Mus musculus

<220>

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<222> (12)...(539)

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1														10	

ttc	ctc	ttg	ctg	ctg	ctg	aat	ctg	ttc	ttg	ccg	gta	ata	ttt	gct	
Phe	Leu	Leu	Leu	Leu	Leu										98
15						20									25

atg	cct	gaa	tca	tac	tcc	ttc	aac	tgt	ccc	gat	ggt	gaa	tac	cag	tct
Met	Pro	Glu	Ser	Tyr	Ser	Phe	Asn	Cys	Pro	Asp	Gly	Glu	Tyr	Gln	Ser
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Asn	Asp	Val	Cys	Cys	Lys	Thr	Cys	Pro	Ser	Gly	Thr	Phe	Val	Lys	Ala
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ccc	tgc	aaa	atc	ccc	cat	act	caa	gga	caa	tgt	gag	aag	tgt	cac	cca
Pro	Cys	Lys	Ile	Pro	His	Thr	Gln	Gly	Gln	Cys	Glu	Lys	Cys	His	Pro
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gga	aca	ttc	aca	ggg	aaa	gat	aat	ggc	ctg	cat	gat	tgt	gaa	ctt	tgc
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80	85	90	
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Ser Thr Cys Asp Lys Asp Gln Asn Met Val Ala Asp Cys Ser Ala Thr			
95	100	105	
agt gac cgg aaa tgc gag tgc caa ata ggt ctt tac tac tat gac cca			386
Ser Asp Arg Lys Cys Glu Cys Gln Ile Gly Leu Tyr Tyr Tyr Asp Pro			
110	115	120	125
aaa ttt ccg gaa tca tgc cgc cca tgt acc aag tgt ccc caa gga atc			434
Lys Phe Pro Glu Ser Cys Arg Pro Cys Thr Lys Cys Pro Gln Gly Ile			
130	135	140	
cct gtc ctc cag gaa tgc aac tcc aca gct aac act gtg tgc agt tca			482
Pro Val Leu Gln Glu Cys Asn Ser Thr Ala Asn Thr Val Cys Ser Ser			
145	150	155	
tct gtt tca aat ccc aga aac tgg ctg ttc cta ctg atg cta att gtc			530
Ser Val Ser Asn Pro Arg Asn Trp Leu Phe Leu Leu Met Leu Ile Val			
160	165	170	
ttc tgt atc tgaagaagat aaaggttcta cagatggtgt ctgttagcttc			579
Phe Cys Ile			
175			
cttttattgc tgtgaagaga aaccatggag gcaactctt cattttattt tatttttaa			639
tgtcttgaac ttgatttcaa gaccaggctg gactcaaact cacagagatc cggacttaggc			699
acctctaata tagaaaaaca ttgaattggg actggcttac agtttcagaa gttctgtcca			759
tgattatcat agtgcgaagc atggaggcac ggaggcacac atgggtctgg agaagaagct			819
gagagttctg catcttgatc tgcaagcaat aaaaggagac tttgtgccac actacacata			879
gcttgaacat aggagacctc aaagcctgtc cccacagtga caaacttcct ccaacaagg			939
catacctcct aataataacca ttcttatga ggcaagcatt caaacacatg agtctatgag			999
ggccaaacca attcaaaacca ccacaggtt acaatttccc tctgcagctc tctggggag			1059
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gaaactcagg atgaatggtc cactgtgggt cctattaaca tactgaagaa catgacctca			1179
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tgccattttt tggtaatgtg ctttcttgggt ttttcctctc ctttccccct ctttcttgggt			1299
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cagccatgt ttaatctact actttctctc tgctctggac tcatccagat gtctctggct			1419
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<210> 5
<211> 26
<212> DNA

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<400> 5
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<210> 6
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<223> Synthetically generated primer

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<223> Synthetically generated primer

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<211> 24
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<223> Synthetically generated primer

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<210> 13
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 Thr Lys Cys His Lys Gly Thr Tyr Leu Val Ser Asp Cys Pro Ser Pro
 20 25 30
 Gly Arg Asp Thr Val Cys Arg Glu Cys Glu Lys Gly Thr Phe Thr Ala
 35 40 45
 Ser Gln Asn Tyr Leu Arg Gln Cys Leu Ser Cys Lys Thr Cys Arg Lys
 50 55 60
 Glu Met Ser Gln Val Glu Ile Ser Pro Cys Gln Ala Asp Lys Asp Thr
 65 70 75 80
 Val Cys Gly Cys Lys Glu Asn Gln Phe Gln Arg Tyr Leu Ser Glu Thr
 85 90 95
 His Phe Gln Cys Val Asp Cys Ser Pro Cys Phe Asn Gly Thr Val Thr
 100 105 110
 Ile Pro Cys Lys Glu Thr Gln Asn Thr Val Cys
 115 120